

# Daily AQAD Monitoring Report

## Last 24-hr Monitoring Summary (00:00 to 24:00 on 5/06/2010)

### BP Deepwater Horizon Oil Spill

	Daily H2S (Mean/ Max) (ppb)	Yearly 2009 H2S (Mean/ Max) (ppb)	Daily SO2 (Mean/ Max) (ppb)	Yearly 2009 SO2 (Mean/ Max) (ppb)	Daily TNMOC (Mean/ Max) (ppbC)	Yearly 2009 TNMOC (Mean/ Max) (ppbC)	Daily PM2.5 (Mean/ Max) (µg/m3)	Yearly 2009 PM2.5 (Mean/ Max) (µg/m3)	24-hr Canister	Strike Canister	Auto GC
Capitol	N/A	N/A	0.2/1.0	1.9/100.0	90/1120	100/10010	11.5/24.5	9.3/106.3	No	No	N/A
Port Allen	N/A	N/A	3.0/4.0	4.0/949.0	120/490	140/9500	18.0/31.0	12.5/124.0	No	No	No Activities
Southern	N/A	N/A	N/A	N/A	150/560	120/6450	N/A	N/A	No	No	No Activities
LSU	N/A	N/A	N/A	N/A	180/700	70/10000	N/A	N/A	No	N/A	No Activities
Baker	N/A	N/A	N/A	N/A	70/470	60/2900	N/A	N/A	No	No	N/A
Dutchtown	N/A	N/A	N/A	N/A	70/200	40/1300	N/A	N/A	No	N/A	N/A
Carville	N/A	N/A	N/A	N/A	20/120	40/10000	N/A	N/A	No	N/A	No Activities
Kenner	N/A	N/A	N/A	N/A	90/370	50/4610	15.0/25.0	9.2/196.7	Yes	No	No Activities
City Park	N/A	N/A	N/A	N/A	N/A	N/A	14.2/24.0	9.2/118.8	N/A	N/A	N/A
Hahnville	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	N/A
Meraux	1.0/4.0	1.0/108.0	3.0/11.0	2.0/398.0	20/240	40/9750	N/A	N/A	N/A	N/A	N/A
Madisonville	N/A	N/A	N/A	N/A	N/A	N/A	14.5/25.1	9.8/75.1	N/A	N/A	N/A
Chalmette High	2.0/8.0	2.0/75.0	3.0/11.0	3.0/147.0	160/1890	80/9990	N/A	N/A	No	No	N/A
Chalmette Vista	3.0/5.0	5.0/400.0	1.0/7.0	10.0/513.0	150/410	80/10010	25.6/36.3	11.1/161.4	Yes	No	N/A
Thibodaux	N/A	N/A	N/A	N/A	N/A	N/A	10.8/24.7	8.4/105.8	N/A	N/A	N/A

**Narrative:** 5/06/2010 was not a scheduled 24-hr sampling day. We pick up and send canisters from Kenner and Chalmette Vista daily with 24 hour turn-around analysis.

There were no strike samples triggered. The TNMOC numbers at the sites were in the normal ranges and analytical results of 24-hr canister analyses are not expected to have any violations. The SO<sub>2</sub> readings remain low, but levels of H<sub>2</sub>S are in the range that can be detected by smell. H<sub>2</sub>S has not reached levels that could be considered health threatening. PM2.5 daily averages are higher than the yearly averages, but are currently below the NAAQS.

NAAQS levels for SO<sub>2</sub> are 140 ppb for 24 hours and 500 ppb for 3 hours. NAAQS for PM2.5 are 35 µg/m3 for 24 hours and 15 µg/m3 annually. Louisiana Ambient Air Toxics Standard for H<sub>2</sub>S is 237 ppb for 8 hours.

For H<sub>2</sub>S and SO<sub>2</sub>, the maximums are 5-minute averages. For TNMOC, the maximum is 10 minute averages. PM2.5 lists maximums in hourly averages for continuous sampling. This table also lists the corresponding data recorded in 2009 for comparison purposes.

N/A - means that this parameter is not measured at this particular monitoring site.

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